104TH CONGRESS H. R. 2196

AN ACT

To amend the Stevenson-Wydler Technology Innovation Act of 1980 with respect to inventions made under cooperative research and development agreements, and for other purposes.

104TH CONGRESS 1ST SESSION

H.R. 2196

AN ACT

- To amend the Stevenson-Wydler Technology Innovation Act of 1980 with respect to inventions made under cooperative research and development agreements, and for other purposes.
 - 1 Be it enacted by the Senate and House of Representa-
 - 2 tives of the United States of America in Congress assembled,

1 SECTION 1. SHORT TITLE.

- 2 This Act may be cited as the "National Technology
- 3 Transfer and Advancement Act of 1995".

4 SEC. 2. FINDINGS.

- 5 The Congress finds the following:
- (1) Bringing technology and industrial innovation to the marketplace is central to the economic,
 environmental, and social well-being of the people of
 the United States.
 - (2) The Federal Government can help United States business to speed the development of new products and processes by entering into cooperative research and development agreements which make available the assistance of Federal laboratories to the private sector, but the commercialization of technology and industrial innovation in the United States depends upon actions by business.
 - (3) The commercialization of technology and industrial innovation in the United States will be enhanced if companies, in return for reasonable compensation to the Federal Government, can more easily obtain exclusive licenses to inventions which develop as a result of cooperative research with scientists employed by Federal laboratories.

SEC. 3. USE OF FEDERAL TECHNOLOGY.

- 2 Subparagraph (B) of section 11(e)(7) of the Steven-
- 3 son-Wydler Technology Innovation Act of 1980 (15 U.S.C.
- 4 3710(e)(7)(B)) is amended to read as follows:
- 5 "(B) A transfer shall be made by any Federal agency
- 6 under subparagraph (A), for any fiscal year, only if the
- 7 amount so transferred by that agency (as determined
- 8 under such subparagraph) would exceed \$10,000.".
- 9 SEC. 4. TITLE TO INTELLECTUAL PROPERTY ARISING
- 10 FROM COOPERATIVE RESEARCH AND DEVEL-
- 11 **OPMENT AGREEMENTS.**
- Subsection (b) of section 12 of the Stevenson-Wydler
- 13 Technology Innovation Act of 1980 (15 U.S.C. 3710a(b))
- 14 is amended to read as follows:
- 15 "(b) Enumerated Authority.—(1) Under an
- 16 agreement entered into pursuant to subsection (a)(1), the
- 17 laboratory may grant, or agree to grant in advance, to
- 18 a collaborating party patent licenses or assignments, or
- 19 options thereto, in any invention made in whole or in part
- 20 by a laboratory employee under the agreement, for reason-
- 21 able compensation when appropriate. The laboratory shall
- 22 ensure, through such agreement, that the collaborating
- 23 party has the option to choose an exclusive license for a
- 24 field of use for any such invention under the agreement
- 25 or, if there is more than one collaborating party, that the
- 26 collaborating parties are offered the option to hold licens-

- 1 ing rights that collectively encompass the rights that
- 2 would be held under such an exclusive license by one party.
- 3 In consideration for the Government's contribution under
- 4 the agreement, grants under this paragraph shall be sub-
- 5 ject to the following explicit conditions:
- 6 "(A) A nonexclusive, nontransferable, irrev-7 ocable, paid-up license from the collaborating party 8 to the laboratory to practice the invention or have 9 the invention practiced throughout the world by or 10 on behalf of the Government. In the exercise of such 11 license, the Government shall not publicly disclose 12 trade secrets or commercial or financial information 13 that is privileged or confidential within the meaning 14 of section 552(b)(4) of title 5, United States Code, 15 or which would be considered as such if it had been 16 obtained from a non-Federal party.
 - "(B) If a laboratory assigns title or grants an exclusive license to such an invention, the Government shall retain the right—
 - "(i) to require the collaborating party to grant to a responsible applicant a nonexclusive, partially exclusive, or exclusive license to use the invention in the applicant's licensed field of use, on terms that are reasonable under the circumstances; or

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1	"(ii) if the collaborating party fails to
2	grant such a license, to grant the license itself.
3	"(C) The Government may exercise its right re-
4	tained under subparagraph (B) only if the Govern-
5	ment finds that—
6	"(i) the action is necessary to meet health
7	or safety needs that are not reasonably satisfied
8	by the collaborating party;
9	"(ii) the action is necessary to meet re-
10	quirements for public use specified by Federal
11	regulations, and such requirements are not rea-
12	sonably satisfied by the collaborating party; or
13	"(iii) the collaborating party has failed to
14	comply with an agreement containing provisions
15	described in subsection (c)(4)(B).
16	"(2) Under agreements entered into pursuant to sub-
17	section (a)(1), the laboratory shall ensure that a collabo-
18	rating party may retain title to any invention made solely
19	by its employee in exchange for normally granting the
20	Government a nonexclusive, nontransferable, irrevocable,
21	paid-up license to practice the invention or have the inven-
22	tion practiced throughout the world by or on behalf of the
23	Government for research or other Government purposes.
24	"(3) Under an agreement entered into pursuant to
25	subsection (a)(1), a laboratory may—

- "(A) accept, retain, and use funds, personnel, services, and property from a collaborating party and provide personnel, services, and property to a collaborating party;
 - "(B) use funds received from a collaborating party in accordance with subparagraph (A) to hire personnel to carry out the agreement who will not be subject to full-time-equivalent restrictions of the agency;
 - "(C) to the extent consistent with any applicable agency requirements or standards of conduct, permit an employee or former employee of the laboratory to participate in an effort to commercialize an invention made by the employee or former employee while in the employment or service of the Government; and
 - "(D) waive, subject to reservation by the Government of a nonexclusive, irrevocable, paid-up license to practice the invention or have the invention practiced throughout the world by or on behalf of the Government, in advance, in whole or in part, any right of ownership which the Federal Government may have to any subject invention made under the agreement by a collaborating party or employee of a collaborating party.

- 1 "(4) A collaborating party in an exclusive license in any invention made under an agreement entered into pursuant to subsection (a)(1) shall have the right of enforce-3 ment under chapter 29 of title 35, United States Code. 5 "(5) A Government-owned, contractor-operated laboratory that enters into a cooperative research and development agreement pursuant to subsection (a)(1) may use 8 or obligate royalties or other income accruing to the laboratory under such agreement with respect to any inven-10 tion only— 11 "(A) for payments to inventors; 12 "(B) for a purposes described in clauses (i), 13 (ii), (iii), and (iv) of section 14(a)(1)(B); and "(C) for scientific research and development 14 consistent with the research and development mis-15 16 sions and objectives of the laboratory.". SEC. 5. DISTRIBUTION OF INCOME FROM INTELLECTUAL 18 PROPERTY RECEIVED BY FEDERAL LABORA-19 TORIES. 20 Section 14 of the Stevenson-Wydler Technology Inno-21 vation Act of 1980 (15 U.S.C. 3710c) is amended— 22 (1) by amending subsection (a)(1) to read as 23 follows: "(1) Except as provided in paragraphs (2) and (4), any
- 25 royalties or other payments received by a Federal agency

- 1 from the licensing and assignment of inventions under
- 2 agreements entered into by Federal laboratories under
- 3 section 12, and from the licensing of inventions of Federal
- 4 laboratories under section 207 of title 35, United States
- 5 Code, or under any other provision of law, shall be re-
- 6 tained by the laboratory which produced the invention and
- 7 shall be disposed of as follows:

coinventors.

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- 6 "(A)(i) The head of the agency or laboratory, 9 or such individual's designee, shall pay each year the 10 first \$2,000, and thereafter at least 15 percent, of 11 the royalties or other payments to the inventor or
 - "(ii) An agency or laboratory may provide appropriate incentives, from royalties, or other payments, to laboratory employees who are not an inventor of such inventions but who substantially increased the technical value of such inventions.
 - "(iii) The agency or laboratory shall retain the royalties and other payments received from an invention until the agency or laboratory makes payments to employees of a laboratory under clause (i) or (ii).
 - "(B) The balance of the royalties or other payments shall be transferred by the agency to its laboratories, with the majority share of the royalties or other payments from any invention going to the lab-

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oratory where the invention occurred. The royalties or other payments so transferred to any laboratory may be used or obligated by that laboratory during the fiscal year in which they are received or during the succeeding fiscal year—

- "(i) to reward scientific, engineering, and technical employees of the laboratory, including developers of sensitive or classified technology, regardless of whether the technology has commercial applications;
- "(ii) to further scientific exchange among the laboratories of the agency;
- "(iii) for education and training of employees consistent with the research and development missions and objectives of the agency or laboratory, and for other activities that increase the potential for transfer of the technology of the laboratories of the agency;
- "(iv) for payment of expenses incidental to the administration and licensing of intellectual property by the agency or laboratory with respect to inventions made at that laboratory, including the fees or other costs for the services of other agencies, persons, or organizations for

1	intellectual property management and licensing
2	services; or
3	"(v) for scientific research and develop-
4	ment consistent with the research and develop-
5	ment missions and objectives of the laboratory.
6	"(C) All royalties or other payments retained by
7	the agency or laboratory after payments have been
8	made pursuant to subparagraphs (A) and (B) that
9	is unobligated and unexpended at the end of the sec-
10	ond fiscal year succeeding the fiscal year in which
11	the royalties and other payments were received shall
12	be paid into the Treasury.";
13	(2) in subsection $(a)(2)$ —
14	(A) by inserting "or other payments" after
15	"royalties"; and
16	(B) by striking "for the purposes described
17	in clauses (i) through (iv) of paragraph (1)(B)
18	during that fiscal year or the succeeding fiscal
19	year" and inserting in lieu thereof "under para-
20	graph (1)(B)";
21	(3) in subsection (a)(3), by striking "\$100,000"
22	both places it appears and inserting "\$150,000";
23	(4) in subsection $(a)(4)$ —
24	(A) by striking "income" each place it ap-
25	pears and inserting in lieu thereof "payments";

1	(B) by striking "the payment of royalties
2	to inventors" in the first sentence thereof and
3	inserting in lieu thereof "payments to inven-
4	tors'';
5	(C) by striking "clause (i) of paragraph
6	(1)(B)" and inserting in lieu thereof "clause
7	(iv) of paragraph (1)(B)";
8	(D) by striking "payment of the royalties,"
9	in the second sentence thereof and inserting in
10	lieu thereof "offsetting the payments to inven-
11	tors,"; and
12	(E) by striking "clauses (i) through (iv)
13	of"; and
14	(5) by amending paragraph (1) of subsection
15	(b) to read as follows:
16	"(1) by a contractor, grantee, or participant, or
17	an employee of a contractor, grantee, or participant,
18	in an agreement or other arrangement with the
19	agency, or".
20	SEC. 6. EMPLOYEE ACTIVITIES.
21	Section 15(a) of the Stevenson-Wydler Technology
22	Innovation Act of 1980 (15 U.S.C. 3710d(a)) is amend-
23	ed—
24	(1) by striking "the right of ownership to an in-
25	vention under this Act" and inserting in lieu thereof

1	"ownership of or the right of ownership to an inven-
2	tion made by a Federal employee"; and
3	(2) by inserting "obtain or" after "the Govern-
4	ment, to".
5	SEC. 7. AMENDMENT TO BAYH-DOLE ACT.
6	Section 210(e) of title 35, United States Code, is
7	amended by striking ", as amended by the Federal Tech-
8	nology Transfer Act of 1986,".
9	SEC. 8. NATIONAL INSTITUTE OF STANDARDS AND TECH-
10	NOLOGY ACT AMENDMENTS.
11	The National Institute of Standards and Technology
12	Act (15 U.S.C. 271 et seq.) is amended—
13	(1) in section 10(a)—
14	(A) by striking "nine" and inserting in lieu
15	thereof "15"; and
16	(B) by striking "five" and inserting in lieu
17	thereof "10";
18	(2) in section 15—
19	(A) by striking "Pay Act of 1945; and"
20	and inserting in lieu thereof "Pay Act of
21	1945;"; and
22	(B) by inserting "; and (h) the provision of
23	transportation services for employees of the In-
24	stitute between the facilities of the Institute
25	and nearby public transportation, notwithstand-

1 ing section 1344 of title 31, United States 2 Code" after "interests of the Government"; and 3 (3) in section 19— (A) by inserting ", subject to the availabil-4 ity of appropriations," after "post-doctoral fel-5 6 lowship program"; and (B) by striking "nor more than forty" and 7 inserting in lieu thereof "nor more than 60". 8 SEC. 9. RESEARCH EQUIPMENT. 10 Section 11(i) of the Stevenson-Wydler Technology Innovation Act of 1980 (15 U.S.C. 3710(i)) is amended— 12 (1) by inserting "loan, lease," after "depart-13 ment, may"; and 14 (2) by inserting "Actions taken under this sub-15 section shall not be subject to Federal requirements on the disposal of property." after "education and 16 17 research activities.". 18 SEC. 10. PERSONNEL. 19 The personnel management demonstration project established under section 10 of the National Bureau of 20 21 Standards Authorization Act for Fiscal Year 1987 (15 U.S.C. 275 note) is extended indefinitely. 23 SEC. 11. FASTENER QUALITY ACT AMENDMENTS. 24 (a) Section 2 Amendments.—Section 2 of the Fas-25 tener Quality Act (15 U.S.C. 5401) is amended—

1	(1) by striking subsection (a)(4), and redesig-
2	nating paragraphs (5) through (9) as paragraphs
3	(4) through (8), respectively;
4	(2) in subsection (a)(7), as so redesignated by
5	paragraph (1) of this subsection, by striking "by lot
6	number"; and
7	(3) in subsection (b), by striking "used in criti-
8	cal applications" and inserting in lieu thereof "in
9	commerce".
10	(b) Section 3 Amendments.—Section 3 of the Fas-
11	tener Quality Act (15 U.S.C. 5402) is amended—
12	(1) in paragraph (1)(B) by striking "having a
13	minimum tensile strength of 150,000 pounds per
14	square inch";
15	(2) in paragraph (2), by inserting "consensus"
16	after "or any other";
17	(3) in paragraph (5)—
18	(A) by inserting "or" after "standard or
19	specification," in subparagraph (B);
20	(B) by striking "or" at the end of subpara-
21	graph (C);
22	(C) by striking subparagraph (D); and
23	(D) by inserting "or produced in accord-
24	ance with ASTM F 432" after "307 Grade A";

1	(4) in paragraph (6) by striking "other person"
2	and inserting in lieu thereof "government agency";
3	(5) in paragraph (8) by striking "Standard"
4	and inserting in lieu thereof "Standards";
5	(6) by striking paragraph (11) and redesignat-
6	ing paragraphs (12) through (15) as paragraphs
7	(11) through (14), respectively;
8	(7) in paragraph (13), as so redesignated by
9	paragraph (6) of this subsection, by striking ", a
10	government agency" and all that follows through
11	"markings of any fastener" and inserting in lieu
12	thereof "or a government agency"; and
13	(8) in paragraph (14), as so redesignated by
14	paragraph (6) of this subsection, by inserting "for
15	the purpose of achieving a uniform hardness" after
16	"quenching and tempering".
17	(c) Section 4 Repeal.—Section 4 of the Fastener
18	Quality Act (15 U.S.C. 5403) is repealed.
19	(d) Section 5 Amendments.—Section 5 of the Fas-
20	tener Quality Act (15 U.S.C. 5404) is amended—
21	(1) in subsection $(a)(1)(B)$ and $(2)(A)(i)$ by
22	striking "subsections (b) and (c)" and inserting in
23	lieu thereof "subsections (b), (c), and (d)";

(2) in subsection (c)(2) by striking "or, where 1 2 applicable" and all that follows through "section 7(c)(1)"; 3 (3) in subsection (c)(3) by striking ", such as 5 the chemical, dimensional, physical, mechanical, and 6 any other"; 7 (4) in subsection (c)(4) by inserting "except as provided in subsection (d)," before "state whether"; 8 9 and 10 (5) by adding at the end the following new sub-11 section: 12 "(d) Alternative Procedure for Chemical 13 CHARACTERISTICS.—Notwithstanding the requirements of subsections (b) and (c), a manufacturer shall be deemed 14 15 to have demonstrated, for purposes of subsection (a)(1), that the chemical characteristics of a lot conform to the 17 standards and specifications to which the manufacturer represents such lot has been manufactured if the following 18 19 requirements are met: 20 "(1) The coil or heat number of metal from 21 which such lot was fabricated has been inspected 22 and tested with respect to its chemical characteris-23 tics by a laboratory accredited in accordance with 24 the procedures and conditions specified by the Sec-25 retary under section 6.

- 1 "(2) Such laboratory has provided to the manu2 facturer, either directly or through the metal manu3 facturer, a written inspection and testing report,
 4 which shall be in a form prescribed by the Secretary
 5 by regulation, listing the chemical characteristics of
 6 such coil or heat number.
 - "(3) The report described in paragraph (2) indicates that the chemical characteristics of such coil or heat number conform to those required by the standards and specifications to which the manufacturer represents such lot has been manufactured.
- "(4) The manufacturer demonstrates that such lot has been fabricated from the coil or heat number of metal to which the report described in paragraphs (2) and (3) relates.
- 16 In prescribing the form of report required by subsection
- 17 (c), the Secretary shall provide for an alternative to the
- 18 statement required by subsection (c)(4), insofar as such
- 19 statement pertains to chemical characteristics, for cases
- 20 in which a manufacturer elects to use the procedure per-
- 21 mitted by this subsection.".

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- 22 (e) Section 6 Amendment.—Section 6(a)(1) of the
- 23 Fastener Quality Act (15 U.S.C. 5405(a)(1)) is amended
- 24 by striking "Within 180 days after the date of enactment
- 25 of this Act, the" and inserting in lieu thereof "The".

1	(f) Section 7 Amendments.—Section 7 of the Fas-
2	tener Quality Act (15 U.S.C. 5406) is amended—
3	(1) by amending subsection (a) to read as fol-
4	lows:
5	"(a) Domestically Produced Fasteners.—It
6	shall be unlawful for a manufacturer to sell any shipment
7	of fasteners covered by this Act which are manufactured
8	in the United States unless the fasteners—
9	"(1) have been manufactured according to the
10	requirements of the applicable standards and speci-
11	fications and have been inspected and tested by a
12	laboratory accredited in accordance with the proce-
13	dures and conditions specified by the Secretary
14	under section 6; and
15	"(2) an original laboratory testing report de-
16	scribed in section 5(c) and a manufacturer's certifi-
17	cate of conformance are on file with the manufac-
18	turer, or under such custody as may be prescribed
19	by the Secretary, and available for inspection.";
20	(2) in subsection $(c)(2)$ by inserting "to the
21	same" after "in the same manner and";
22	(3) in subsection (d)(1) by striking "certificate"
23	and inserting in lieu thereof "test report"; and
24	(4) by striking subsections (e), (f), and (g) and
25	inserting in lieu thereof the following:

- 1 "(e) Commingling.—It shall be unlawful for any
- 2 manufacturer, importer, or private label distributor to
- 3 commingle like fasteners from different lots in the same
- 4 container, except that such manufacturer, importer, or
- 5 private label distributor may commingle like fasteners of
- 6 the same type, grade, and dimension from not more than
- 7 two tested and certified lots in the same container during
- 8 repackaging and plating operations. Any container which
- 9 contains fasteners from two lots shall be conspicuously
- 10 marked with the lot identification numbers of both lots.
- 11 "(f) Subsequent Purchaser.—If a person who
- 12 purchases fasteners for any purpose so requests either
- 13 prior to the sale or at the time of sale, the seller shall
- 14 conspicuously mark the container of the fasteners with the
- 15 lot number from which such fasteners were taken.".
- 16 (g) Section 9 Amendment.—Section 9 of the Fas-
- 17 tener Quality Act (15 U.S.C. 5408) is amended by adding
- 18 at the end the following new subsection:
- 19 "(d) Enforcement.—The Secretary may designate
- 20 officers or employees of the Department of Commerce to
- 21 conduct investigations pursuant to this Act. In conducting
- 22 such investigations, those officers or employees may, to
- 23 the extent necessary or appropriate to the enforcement of
- 24 this Act, exercise such authorities as are conferred upon

- 1 them by other laws of the United States, subject to policies
- 2 and procedures approved by the Attorney General.".
- 3 (h) Section 10 Amendments.—Section 10 of the
- 4 Fastener Quality Act (15 U.S.C. 5409) is amended—
- 5 (1) in subsections (a) and (b), by striking "10
- 6 years" and inserting in lieu thereof "5 years"; and
- 7 (2) in subsection (b), by striking "any subse-
- 8 quent" and inserting in lieu thereof "the subse-
- 9 quent".
- 10 (i) Section 13 Amendment.—Section 13 of the
- 11 Fastener Quality Act (15 U.S.C. 5412) is amended by
- 12 striking "within 180 days after the date of enactment of
- 13 this Act".
- 14 (j) Section 14 Repeal.—Section 14 of the Fastener
- 15 Quality Act (15 U.S.C. 5413) is repealed.
- 16 SEC. 12. STANDARDS CONFORMITY.
- 17 (a) Use of Standards.—Section 2(b) of the Na-
- 18 tional Institute of Standards and Technology Act (15
- 19 U.S.C. 272(b)) is amended—
- 20 (1) in paragraph (2), by striking ", including
- 21 comparing standards" and all that follows through
- "Federal Government";
- 23 (2) by redesignating paragraphs (3) through
- 24 (11) as paragraphs (4) through (12), respectively;
- 25 and

1	(3) by inserting after paragraph (2) the follow-
2	ing new paragraph:
3	"(3) to compare standards used in scientific in-
4	vestigations, engineering, manufacturing, commerce,
5	industry, and educational institutions with the
6	standards adopted or recognized by the Federal Gov-
7	ernment and to coordinate the use by Federal agen-
8	cies of private sector standards, emphasizing where
9	possible the use of standards developed by private,
10	consensus organizations;".
11	(b) Conformity Assessment Activities.—Section
12	2(b) of the National Institute of Standards and Tech-
13	nology Act (15 U.S.C. 272(b)) is amended—
14	(1) by striking "and" at the end of paragraph
15	(11), as so redesignated by subsection (a)(2) of this
16	section;
17	(2) by striking the period at the end of para-
18	graph (12), as so redesignated by subsection (a)(2)
19	of this section, and inserting in lieu thereof "; and";
20	and
21	(3) by adding at the end the following new
22	paragraph:
23	"(13) to coordinate Federal, State, local, and
24	private sector standards conformity assessment ac-
25	tivities, with the goal of eliminating unnecessary du-

- 1 plication and complexity in the development and pro-
- 2 mulgation of conformity assessment requirements
- and measures.".
- 4 (c) Transmittal of Plan to Congress.—The Na-
- 5 tional Institute of Standards and Technology shall, by
- 6 January 1, 1996, transmit to the Congress a plan for im-
- 7 plementing the amendments made by this section.
- 8 (d) Utilization of Consensus Standards by
- 9 Federal Agencies; Reports.—(1) To the extent prac-
- 10 ticable, all Federal agencies and departments shall use,
- 11 for procurement and regulatory applications, standards
- 12 that are developed or adopted by voluntary, private sector,
- 13 consensus standards bodies.
- 14 (2) Federal agencies and departments shall consult
- 15 with voluntary, private sector, consensus standards bodies,
- 16 and shall participate with such bodies in the development
- 17 of standards, as appropriate in carrying out paragraph
- 18 (1).
- 19 (3) If a Federal agency or department elects to de-
- 20 velop, for procurement or regulatory applications, stand-
- 21 ards that are not developed or adopted by voluntary, pri-
- 22 vate sector, consensus standards bodies, the head of such
- 23 agency or department shall transmit to the Office of Man-
- 24 agement and Budget, via the National Institute of Stand-
- 25 ards and Technology, an explanation of the reasons for

- 1 developing such standards. The Office of Management and
- 2 Budget, with the assistance of the National Institute of
- 3 Standards and Technology, shall annually transmit to the
- 4 Congress explanations concerning exceptions made under
- 5 this subsection.
- 6 SEC. 13. SENSE OF CONGRESS.
- 7 It is the sense of the Congress that the Malcolm
- 8 Baldrige National Quality Award program offers substan-
- 9 tial benefits to United States industry, and that all funds
- 10 appropriated for such program should be spent in support
- 11 of the goals of the program.

Passed the House of Representatives December 12, 1995.

Attest:

Clerk.